

**DEPARTMENT OF TRANSPORTATION**

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch  
690 Walnut Ave. St. 150  
Vallejo, CA 94592-1133  
(707) 649-5453  
(707) 649-5493

Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:** Pursell, Gary**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-009534**Date Inspected:** 03-Oct-2009**Project Name:** SAS Superstructure**OSM Arrival Time:** 1845**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 645**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** Li Ming**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** Tower**Summary of Items Observed:**

Bay 10:

This QA inspector performed Magnetic Particle Testing (MT) of approximately 15% of the area previously tested and accepted by ZPMC Quality Control personnel. This QA Inspector generated an MT report for this date. The member was identified as South Tower Lift 3 Skin Plate A to B interior weld surface. The weld identification numbers are as follows: SSTL3-1 B/K-83A.

Bay 11:

This QA Inspector observed the following work in progress: Flux Cored Arc Welding (FCAW) of East Tower Lift 4 weld joint, ESTL4-2 B/L-61A. ZPMC welder was identified as 070254. ZPMC QC is identified as You Qi Guo. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2321-TC-U4b-F.

Flux Cored Arc Welding (FCAW) of East Tower Lift 4 weld joint, ESTL4-2 B/L-61A. ZPMC welder was identified as 070254. ZPMC QC is identified as You Qi Guo. The welding appeared to be in conformance with welding procedure specification, WPS-B-T-2132.

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

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## WELDING INSPECTION REPORT

( Continued Page 2 of 2 )

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### Summary of Conversations:

Only general conversation occurred between QC and QA this date.

### Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact Serge Sinevod, 134 8257 0045, who represents the Office of Structural Materials for your project.

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<b>Inspected By:</b>	Viars,Larry	Quality Assurance Inspector
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<b>Reviewed By:</b>	Dawson,Paul	QA Reviewer
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